

CLAIM AMENDMENTS

Please amend claims 1, 4, 8-11, 15-17, all without prejudice, as indicated on the following listing of all the claims in the present application after this Amendment:

1. (Currently Amended) A catheter comprising;
an elongated tubular member having a proximal end and a distal end;
said tubular member including a passageway extending throughout the length of the tube
and forming a wall with proximal and distal openings;
a plurality of circumferentially-spaced longitudinally extending slits through said wall
adjacent the distal end defining a plurality of circumferentially-spaced longitudinally extending
flexible intermediate portions of said wall, said flexible intermediate portions capable of forming
a plurality of wings extending from said tube to provide for the discharge of fluid from the
passageway out through said wall through the open slits defined between said wings; and
means for resisting the discharge of fluid from the passageway out through said distal
opening.
2. (Original) The catheter of claim 1 which is insertable over and includes a guidewire
within said passageway.
3. (Original) The catheter of claim 2 including a valve normally sealingly closing said
distal opening, said valve sealing around said removable guidewire during the passage of said
removable guidewire through said tube and valve.
4. (Currently Amended) The catheter of claim 1 including a valve [[means]] for at least
partially closing said passageway at the distal end of said tube, said valve [[means]] comprising a
plurality of resilient flaps which flex when acted in by the force of fluid pressure originating
within said passageway.

5. (Original) The catheter of claim 1 wherein said flexible intermediate portions are normally positioned to form said wings.

6. (Original) The catheter of claim 1 further including an external, removable cannula dimensioned to fit over and collapse said tube to its maximum length and minimum width and to compress said wings until they return to a retracted position with said slits in a closed position.

7. (Original) The catheter of claim 1 including means for expanding said intermediate portions away from said tube to provide lateral openings for the discharge of fluid from the passageway.

8. (Currently Amended) The catheter of claim 1 [[further including at least one resistor]] wherein said means for resisting within said passageway is located adjacent the distal opening for resisting axial flow thereby.

9. (Currently Amended) The catheter of claim 8 wherein said means for resisting further comprises [[restrictors comprise]] at least one protuberance on said wall within said passageway.

10. (Currently Amended) The catheter of claim 9 wherein said means for resisting further comprises [[restrictors comprise]] a plurality of spaced, annular ribs.

11. (Currently Amended) A catheter comprising;
an elongated tubular member having a proximal end and a distal end;
said tubular member having a thin wall defining a passageway extending throughout the length of the tube and forming proximal and distal openings;
a plurality of circumferentially-spaced longitudinally extending slits through said thin wall adjacent the distal end defining a plurality of circumferentially-spaced longitudinally extending flexible intermediate portions of said thin wall, adjacent said slits;

said flexible intermediate portions normally forming a plurality of wings extending from side tube with open slits therebetween to provide for the discharge of fluid from the passageway through said open slits in said thin wall near said distal end;

 an external, removable cannula dimensioned to fit over and collapse said tube to its maximum length minimum width and to compress said wings until they return to a position with side slits in a closed position; and

means for resisting the discharge of fluid from the passageway out through said distal opening.

12. (Original) The catheter of claim 11 which is insertable over and includes a guidewire in said passageway.

13. (Original) The catheter of claim 12 including a valve normally sealingly closing said distal end of said passageway, said valve adapted to seal against passage of fluid from said passageway through said distal opening during passage of said guidewire through said tube and valve.

14. (Original) The catheter of claim 11 including a valve means for at least partially closing said distal opening, said valve means comprised of a plurality of resilient flaps which will flex when exposed to the force of fluid pressure originating within said passageway.

15. (Currently Amended) The catheter of claim 11 [[further including at least one resistor]] wherein said means for resisting within said passageway is located adjacent the distal opening for resisting axial flow thereby.

16. (Currently Amended) The catheter of claim 15 wherein said means for resisting further comprises [[restrictors comprise]] at least one protuberance on said wall within said passageway.

17. (Currently Amended) The catheter of claim 16 wherein said means for resisting further comprises [[restrictors comprise]] a plurality of spaced, annular ribs.